

SEQUENCE LISTING

(1) GENERAL INFORMATION:

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 (i) APPLICANT:
 NAME: ARCH DEVELOPMENT CORPORATION
 STREET: 1101 East 58th Street
 CITY: Chicago
10 STATE: Illinois
 COUNTRY: United States of America
 POSTAL CODE: 60637
 TELEPHONE NO: (312) 702-1692
 TELEFAX NO: (312) 702-0741
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 (ii) INVENTOR: Drmanac, Radoje
 (iii) TITLE OF INVENTION: Methods and Compositions for
 Efficient Nucleic Acid
20 Sequencing
 (iv) NUMBER OF SEQUENCES: 10
 (v) CORRESPONDENCE ADDRESS:
25 (A) ADDRESSEE: Arnold, White & Durkee
 (B) STREET: P. O. Box 4433
 (C) CITY: Houston
 (D) STATE: TX
 (E) COUNTRY: USA
30 (F) ZIP: 77210-4433
 (vi) COMPUTER READABLE FORM:
 (A) MEDIUM TYPE: Floppy disk
 (B) COMPUTER: IBM PC compatible
35 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 (D) SOFTWARE: PatentIn Release #1.0, Ver. #1.25
 (vii) CURRENT APPLICATION DATA:
40 (A) APPLICATION NUMBER: FILING HEREWITH
 (B) FILING DATE: FILING HEREWITH
 (C) CLASSIFICATION:
 (viii) PRIOR APPLICATIONS DATA:
45 (A) APPLICATION NUMBER: USSN 08/303,058
 (B) FILING DATE: 08 SEPTEMBER 1994 (08.09.94)
 (C) CLASSIFICATION: UNKNOWN
 (A) APPLICATION NUMBER: USSN 08/127,420
 (B) FILING DATE: 27 SEPTEMBER 1993 (27.09.93)
50 (C) CLASSIFICATION: UNKNOWN
 (ix) ATTORNEY/AGENT INFORMATION:
 (A) NAME: Parker, David L.
 (B) REGISTRATION NUMBER: 32,165
55 (C) REFERENCE/DOCKET NUMBER: ARCD146P--\PAR

- (x) TELECOMMUNICATION INFORMATION:
 (A) TELEPHONE: (512) 418-3000
 (B) TELEFAX: (512) 474-7577

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(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 12 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

- (ii) MOLECULE TYPE: DNA

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

AAAAAATTTT TT

12

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(2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 13 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

- (ii) MOLECULE TYPE: DNA

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

AAAAAATTTT TTC

13

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(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 12 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

- (ii) MOLECULE TYPE: DNA

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

AAAAATTTTT TA

12

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(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 12 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single

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(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

5 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

AAAAATTTTT TT 12

10 (2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12 base pairs

(B) TYPE: nucleic acid

15 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

20 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

AAAAATTTTT TC 12

25 (2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12 base pairs

(B) TYPE: nucleic acid

30 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

35 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

AAAAATTTTT TG 12

40 (2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12 base pairs

(B) TYPE: nucleic acid

45 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

50 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

TAAAAATTTTT TT 12

55 (2) INFORMATION FOR SEQ ID NO:8:

10068301.020502

5 (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

10 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
CAAAAATTTT TT 12

15 (2) INFORMATION FOR SEQ ID NO:9:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
20 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

25 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
GAAAAATTTT TT 12

30 (2) INFORMATION FOR SEQ ID NO:10:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 11 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
35 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

40 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
AAAAAATTTT T 11

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